

FIG. 1

FIG. 1 is a block diagram of a network architecture. The network architecture includes a wireless core network (11) which is connected to an Internet (28) and a PSTN (36). The wireless core network (11) includes a GERAN (12) and a UTRAN (14). The GERAN (12) is connected to a PC (52) and a mobile phone (16) via an Iu interface. The UTRAN (14) is connected to a PC (18), a mobile phone (20), and a PC (22) via an Iu interface. The GERAN (12) and UTRAN (14) are connected to an SGSN (24) via an Iu interface. The SGSN (24) is connected to a BSC (50) via a Gb interface. The SGSN (24) is connected to a GGSN (26) via a Gn interface. The GGSN (26) is connected to the Internet (28) via a Gi interface. The GGSN (26) is connected to a PC (30) and a PC (32) via a Gi interface. The GGSN (26) is connected to a MGW (34) via a Gi interface. The MGW (34) is connected to the PSTN (36) and a telephone (38) via a Gi interface. The MGW (34) is connected to a CSCF (40) via a Mr interface. The CSCF (40) is connected to the GGSN (26) via a Gi interface. The CSCF (40) is connected to an MGC (42) via an Mg interface. The MGC (42) is connected to a T-SGW (43) via an Mc interface. The T-SGW (43) is connected to the MGW (34) via an Mc interface.

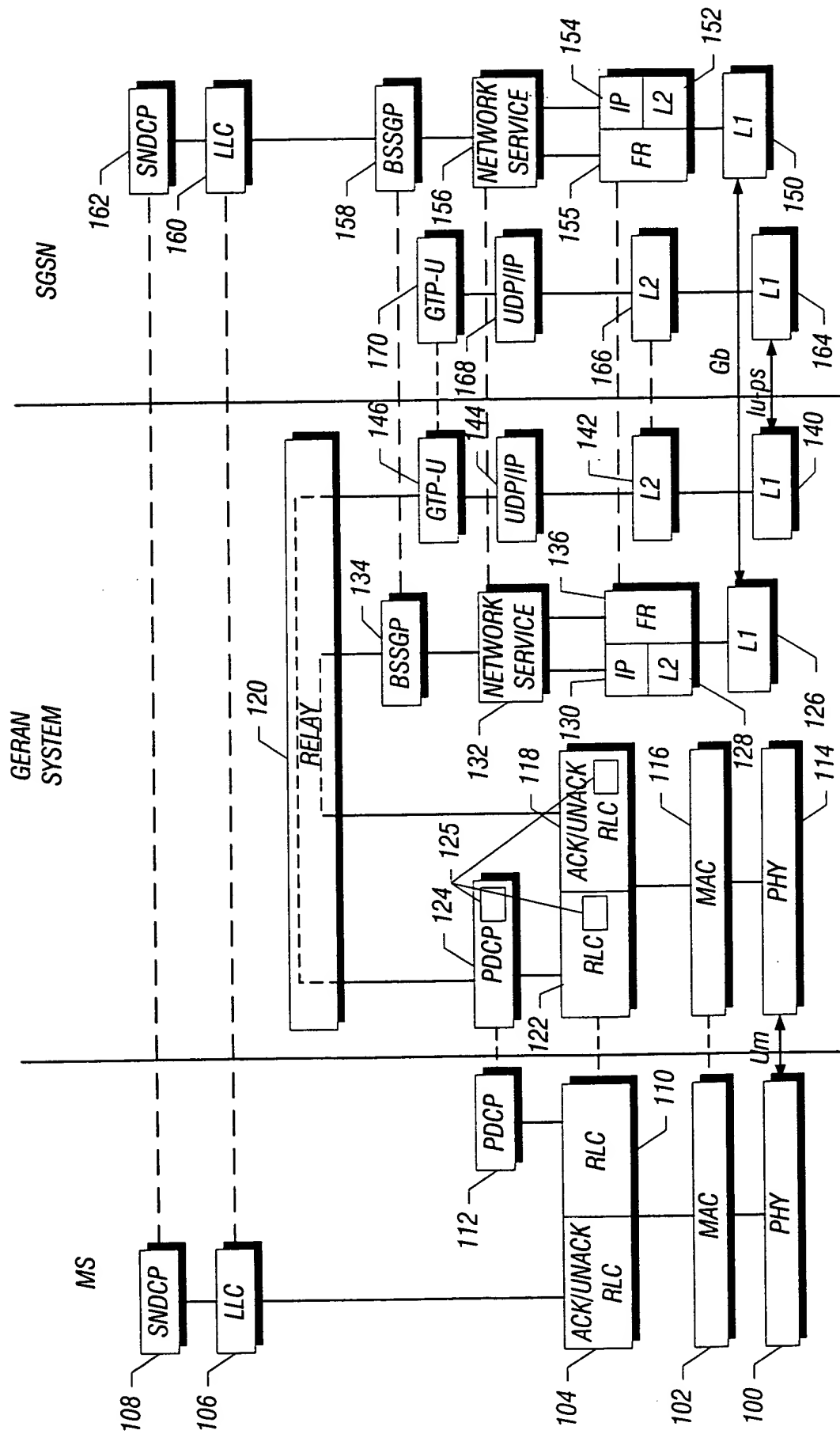


FIG. 2

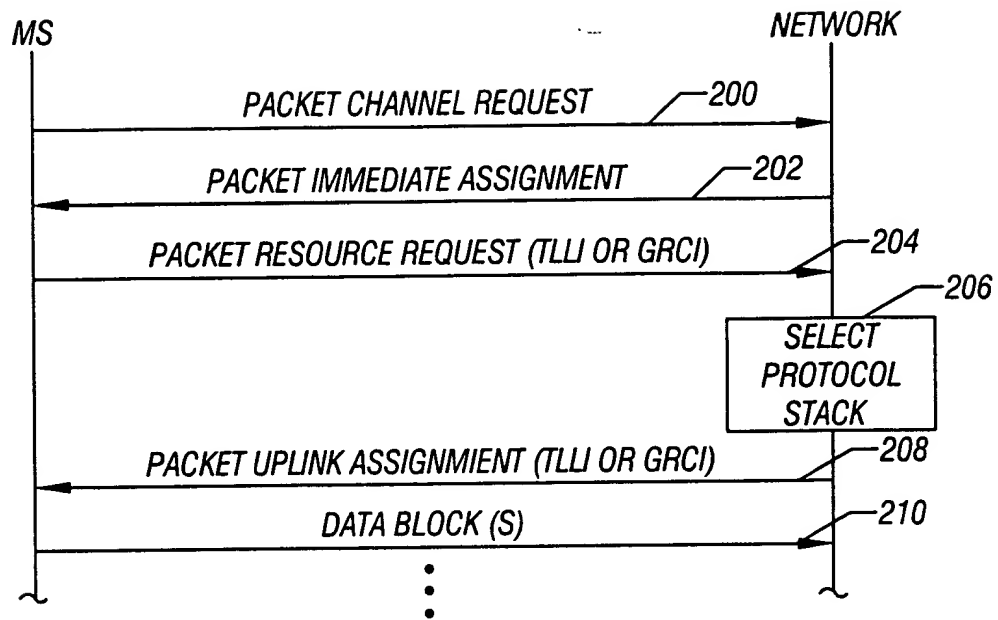


FIG. 3

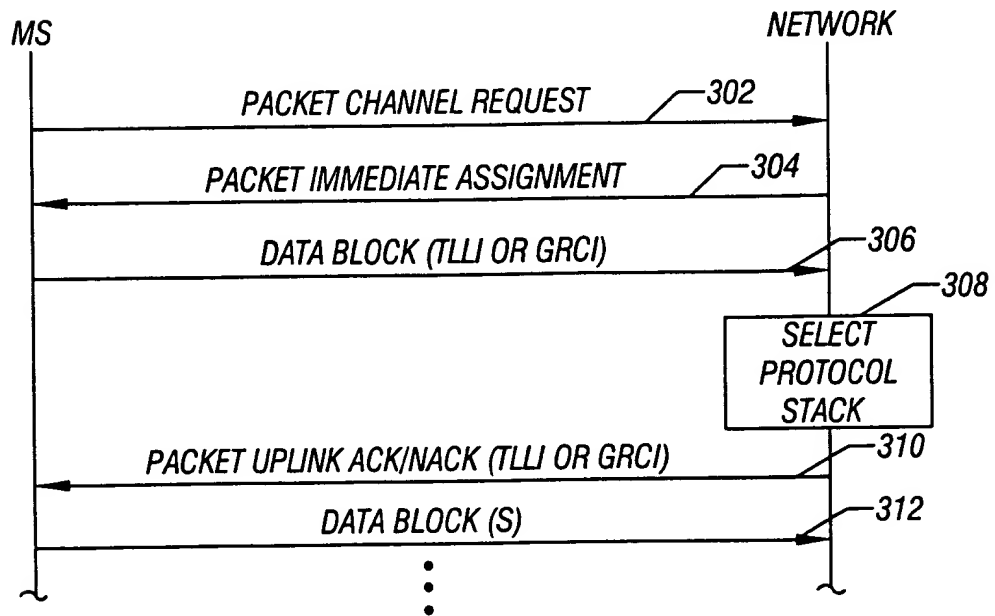


FIG. 4